NAFA'S ANNUAL

# REFERENCE BOOK

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# EPA's 1985 Estimated Gas Mileage Figures

*Fuel economy continues to improve for the fleet as a whole, according to the Environmental Protection Agency's 1985 model year mileage figures. Based upon projected 1985 model year sales and fuel economy estimates, the fleet average fuel economy for domestic and foreign passenger cars is expected to be 26.8 mpg. In 1984, the comparable estimate was 26.6 mpg.*

*This year's estimates have been revised to more accurately reflect fuel economy under both city and highway driving. The two number system for estimating fuel economy was adopted in response to Department of Energy consumer surveys. In these surveys, respondents indicated a preference for individual city and highway estimates, rather than the composite single average value previously published.*

*In addition, EPA said many drivers viewed the single estimate as a city value. While that estimate was a reasonable predictor of overall driving, it tended to overstate fuel economy achieved by an average driver in city driving. The following figures should be more in line with actual on-road fuel economy, according to EPA, and include all vehicles sold in the United States except California.*

*Under the revised method, EPA has mathematically adjusted mileage results. The city estimate has been reduced by 10% and the highway by 22%.*

| MPG Cty | MPG Hwy | Make | Trans-mission | CID | Cyl. |
|---|---|---|---|---|---|
| | | **Two-Seaters** | | | |
| 21 | 27 | Alfa R Spdr 2000 Vel | M5 | 120 | 4 |
| 23 | 28 | Bertone X1/9 | M5 | 91 | 4 |
| 16 | 23 | Chevy Corvette | L4 | 350 | 8 |
| 16 | 22 | Chevy Corvette | M4 | 350 | 8 |
| 25 | 30 | Ford EXP | A3 | 98 | 4 |
| 25 | 35 | Ford EXP | M5 | 98 | 4 |
| 23 | 34 | Ford EXP | M5 | 98 | 4 |
| 28 | 31 | Honda Civic Coupe | L3 | 91 | 4 |
| 31 | 38 | Honda Civic Coupe | M5 | 91 | 4 |
| 49 | 54 | Honda Civic Coupe HF | M5 | 91 | 4 |
| 17 | 22 | Mazda RX-7 | L4 | 70 | 2 |
| 17 | 23 | Mazda RX-7 | M5 | 70 | 2 |
| 16 | 23 | Mazda RX-7 | M5 | 80 | 2 |
| 16 | 18 | Mercedes Benz 380SL | A4 | 234 | 8 |
| 16 | 19 | Nissan 300ZX | A4 | 181 | 6 |
| 17 | 21 | Nissan 300ZX | L4 | 181 | 6 |
| 17 | 23 | Nissan 300ZX | M5 | 181 | 6 |
| 19 | 25 | Nissan 300ZX | M5 | 181 | 6 |
| 20 | 23 | Pininfarina Spdr | A3 | 122 | 4 |
| 23 | 28 | Pininfarina Spdr | M5 | 122 | 4 |
| 25 | 31 | Pontiac Fiero | L3 | 151 | 4 |
| 26 | 32 | Subaru XT-DL | M5 | 109 | 4 |
| | | **Mini-Compact Cars** | | | |
| 19 | 26 | Alfa R GTV 2.5 | M5 | 152 | 6 |
| 47 | 53 | Chevy Sprint | M5 | 61 | 3 |
| 47 | 53 | Pontiac Firefly* | M5 | 61 | 3 |
| 47 | 53 | Suzuki SA310* | M5 | 61 | 3 |
| 23 | 25 | VW Cabriolet | A3 | 109 | 4 |
| 24 | 29 | VW Cabriolet | M5 | 109 | 4 |
| | | **Sub-Compact Cars** | | | |
| 18 | 23 | Audi Coupe GT | A3 | 136 | 5 |
| 19 | 25 | Audi Coupe GT | M5 | 136 | 5 |
| 16 | 22 | Audi Quattro | M5 | 131 | 5 |
| 24 | 27 | Audi 4000S | A3 | 109 | 4 |
| 24 | 30 | Audi 4000S | M5 | 109 | 4 |
| 18 | 22 | Audi 4000 Quattro | M5 | 136 | 5 |
| 22 | 27 | BMW 3-Series | L4 | 108 | 4 |
| 23 | 29 | BMW 3-Series | M5 | 108 | 4 |
| 21 | 27 | BMW 3-Series | L4 | 164 | 6 |
| 21 | 28 | BMW 3-Series | M5 | 164 | 6 |
| 22 | 32 | Chevy Camaro | L4 | 151 | 4 |
| 21 | 28 | Chevy Camaro | M4 | 151 | 4 |
| 22 | 33 | Chevy Camaro | M5 | 151 | 4 |
| 18 | 26 | Chevy Camaro | L4 | 173 | 6 |
| 18 | 27 | Chevy Camaro | M5 | 173 | 6 |
| 16 | 22 | Chevy Camaro | L4 | 305 | 8 |
| 15 | 24 | Chevy Camaro | M5 | 305 | 8 |
| 16 | 22 | Chevy Camaro | L4 | 305 | 8 |
| 20 | 26 | Chevy Cavalier Cnv | L3 | 173 | 6 |
| 18 | 23 | Chevy Cavalier Cnv | M4 | 173 | 6 |
| 27 | 33 | Chevy Chevette | L3 | 98 | 4 |
| 28 | 34 | Chevy Chevette | M4 | 98 | 4 |
| 28 | 36 | Chevy Chevette | M5 | 98 | 4 |
| 39 | 46 | Chevy Chevette | D-M5 | 111 | 4 |
| 20 | 23 | Chrysler Laser | A3 | 135 | 4 |
| 23 | 26 | Chrysler Laser | A3 | 135 | 4 |
| 19 | 29 | Chrysler Laser | M5 | 135 | 4 |
| 23 | 33 | Chrysler Laser | M5 | 135 | 4 |
| 23 | 26 | Chrysler Lebaron Cnv | A3 | 135 | 4 |
| 20 | 23 | Chrysler Lebaron Cnv | A3 | 135 | 4 |
| 20 | 23 | Chrysler Lebaron Cnv | A3 | 156 | 4 |
| 28 | 33 | Dodge Charger | M4 | 97 | 4 |
| 31 | 40 | Dodge Charger | M4 | 97 | 4 |
| 24 | 29 | Dodge Charger | A3 | 135 | 4 |
| 21 | 30 | Dodge Charger | M5 | 135 | 4 |
| 26 | 37 | Dodge Charger | M5 | 135 | 4 |
| 19 | 29 | Dodge Charger | M5 | 135 | 4 |
| 30 | 32 | Dodge Colt | L3 | 90 | 4 |
| 37 | 41 | Dodge Colt | M4 | 90 | 4 |
| 31 | 38 | Dodge Colt | M5 | 90 | 4 |
| 24 | 26 | Dodge Colt | L3 | 98 | 4 |
| 24 | 30 | Dodge Colt | M5 | 98 | 4 |
| 19 | 24 | Dodge Conquest | L4 | 156 | 4 |
| 19 | 24 | Dodge Conquest | M5 | 156 | 4 |
| 20 | 23 | Dodge Daytona | A3 | 135 | 4 |
| 23 | 26 | Dodge Daytona | A3 | 135 | 4 |
| 19 | 29 | Dodge Daytona | M5 | 135 | 4 |
| 23 | 34 | Dodge Daytona | M5 | 135 | 4 |
| 20 | 23 | Dodge 600 Cnv | A3 | 135 | 4 |
| 23 | 26 | Dodge 600 Cnv | A3 | 135 | 4 |
| 20 | 23 | Dodge 600 Cnv | A3 | 156 | 4 |
| 28 | 31 | Ford Laser* | A3 | 91 | 4 |
| 30 | 31 | Ford Laser* | M4 | 91 | 4 |
| 31 | 38 | Ford Laser* | M5 | 91 | 4 |
| 21 | 25 | Ford Mustang | A3 | 140 | 4 |
| 23 | 29 | Ford Mustang | M4 | 140 | 4 |
| 19 | 22 | Ford Mustang | L3 | 231 | 6 |
| 16 | 24 | Ford Mustang | L4 | 302 | 8 |
| 24 | 30 | Honda Accord | L4 | 112 | 4 |
| 27 | 33 | Honda Accord | M5 | 112 | 4 |
| 38 | 42 | Honda Civic | M4 | 82 | 4 |
| 26 | 28 | Honda Civic | L3 | 91 | 4 |
| 30 | 34 | Honda Civic | M5 | 91 | 4 |
| 23 | 30 | Honda Prelude | L4 | 112 | 4 |
| 25 | 31 | Honda Prelude | M5 | 112 | 4 |
| 24 | 25 | Isuzu I-Mark | A3 | 111 | 4 |

*(Continued on page 8)*

# EPA Gas Mileage Figures

*(Continued from page 6)*

| MPG Cty | MPG Hwy | Make | Trans-mission | CID | Cyl. |
|---|---|---|---|---|---|
| 24 | 29 | Isuzu I-Mark | M5 | 111 | 4 |
| 22 | 25 | Isuzu Impulse | A4 | 119 | 4 |
| 22 | 28 | Isuzu Impulse | M5 | 119 | 4 |
| 13 | 17 | Jaguar XJ-S | A3 | 326 | 12 |
| 15 | 19 | Jaguar XJ | A3 | 258 | 6 |
| 21 | 25 | Lincoln Mercury Capri | A3 | 140 | 4 |
| 23 | 29 | Lincoln Mercury Capri | M4 | 140 | 4 |
| 19 | 22 | Lincoln Mercury Capri | L3 | 231 | 6 |
| 16 | 24 | Lincoln Mercury Capri | L4 | 302 | 8 |
| 28 | 31 | Mazda GLC | A3 | 91 | 4 |
| 30 | 31 | Mazda GLC | M4 | 91 | 4 |
| 31 | 38 | Mazda GLC | M5 | 91 | 4 |
| 30 | 33 | Merc Benz 190 | D-A4 | 134 | 4 |
| 31 | 39 | Merc Benz 190 | D-M5 | 134 | 4 |
| 19 | 22 | Merc Benz 190 | A4 | 140 | 4 |
| 19 | 27 | Merc Benz 190 | M5 | 140 | 4 |
| 23 | 30 | Mitsubishi Cordia | M5 | 110 | 4 |
| 24 | 26 | Mitsubishi Cordia | L3 | 122 | 4 |
| 25 | 32 | Mitsubishi Cordia | M5 | 122 | 4 |
| 30 | 32 | Mitsubishi Mirage | L3 | 90 | 4 |
| 37 | 41 | Mitsubishi Mirage | M4 | 90 | 4 |
| 31 | 38 | Mitsubishi Mirage | M5 | 90 | 4 |
| 24 | 26 | Mitsubishi Mirage | L3 | 98 | 4 |
| 24 | 30 | Mitsubishi Mirage | M5 | 98 | 4 |
| 19 | 24 | Mitsubishi Starion | L4 | 156 | 4 |
| 19 | 24 | Mitsubishi Starion | M5 | 156 | 4 |
| 23 | 30 | Mitsubishi Tredia | M5 | 110 | 4 |
| 24 | 26 | Mitsubishi Tredia | L3 | 122 | 4 |
| 25 | 32 | Mitsubishi Tredia | M5 | 122 | 4 |
| 26 | 30 | Nissan Pulsar/Pulsar-NX | L3 | 98 | 4 |
| 31 | 37 | Nissan Pulsar/Pulsar-NX | M5 | 98 | 4 |
| 26 | 30 | Nissan Sentra | L3 | 98 | 4 |
| 31 | 37 | Nissan Sentra | M5 | 98 | 4 |
| 45 | 50 | Nissan Sentra | D-M4 | 103 | 4 |
| 17 | 21 | Nissan 300 ZX 2+2 | L4 | 181 | 6 |
| 19 | 25 | Nissan 300 ZX 2+2 | M5 | 181 | 6 |
| 30 | 32 | Plymouth Colt | L3 | 90 | 4 |
| 37 | 41 | Plymouth Colt | M4 | 90 | 4 |
| 31 | 38 | Plymouth Colt | M5 | 90 | 4 |
| 24 | 26 | Plymouth Colt | L3 | 98 | 4 |
| 24 | 30 | Plymouth Colt | M5 | 98 | 4 |
| 19 | 24 | Plymouth Conquest | L4 | 156 | 4 |
| 19 | 24 | Plymouth Conquest | M5 | 156 | 4 |
| 28 | 33 | Plymouth Turismo | M4 | 97 | 4 |
| 31 | 40 | Plymouth Turismo | M4 | 97 | 4 |
| 24 | 29 | Plymouth Turismo | A3 | 135 | 4 |
| 21 | 30 | Plymouth Turismo | M5 | 135 | 4 |
| 26 | 37 | Plymouth Turismo | M5 | 135 | 4 |
| 22 | 32 | Pontiac Firebird | L4 | 151 | 4 |
| 22 | 28 | Pontiac Firebird | M4 | 151 | 4 |
| 24 | 34 | Pontiac Firebird | M5 | 151 | 4 |
| 18 | 26 | Pontiac Firebird | L4 | 173 | 6 |
| 18 | 27 | Pontiac Firebird | M5 | 173 | 6 |
| 16 | 22 | Pontiac Firebird | L4 | 305 | 8 |
| 15 | 24 | Pontiac Firebird | M5 | 305 | 8 |
| 16 | 22 | Pontiac Firebird | L4 | 305 | 8 |
| 23 | 29 | Pontiac Sunbird Conv | L3 | 110 | 4 |
| 26 | 35 | Pontiac Sunbird Conv | M5 | 110 | 4 |
| 27 | 33 | Pontiac 1000 | L3 | 98 | 4 |
| 28 | 34 | Pontiac 1000 | M4 | 98 | 4 |
| 28 | 36 | Pontiac 1000 | M5 | 98 | 4 |
| 39 | 46 | Pontiac 1000 | D-M5 | 111 | 4 |
| 23 | 31 | Renault Fuego | M5 | 95 | 4 |
| 20 | 24 | Renault Fuego | A3 | 132 | 4 |
| 23 | 31 | Renault Fuego | M5 | 132 | 4 |
| 8 | 11 | Rolls-Royce Corniche | A3 | 412 | 8 |
| 31 | 36 | Subaru Hatchback | M4 | 97 | 4 |
| 23 | 25 | Subaru Hatchback | L3 | 109 | 4 |
| 26 | 31 | Subaru Hatchback | M5 | 109 | 4 |
| 23 | 26 | Subaru XT | L3 | 109 | 4 |
| 23 | 25 | Subaru XT | L3 | 109 | 4 |
| 25 | 30 | Subaru XT | M5 | 109 | 4 |
| 25 | 32 | Subaru XT | M5 | 109 | 4 |
| 23 | 27 | Toyota Celica | A4 | 144 | 4 |
| 24 | 30 | Toyota Celica | M5 | 144 | 4 |
| 19 | 24 | Toyota Celica Supra | L4 | 168 | 6 |
| 20 | 24 | Toyota Celica Supra | M5 | 168 | 6 |
| 27 | 34 | Toyota Corolla Sport | L4 | 97 | 4 |
| 29 | 34 | Toyota Corolla Sport | M5 | 97 | 4 |
| 26 | 29 | Toyota Corolla Sport | M5 | 97 | 4 |
| 30 | 32 | Toyota Tercel | A3 | 89 | 4 |
| 35 | 39 | Toyota Tercel | M4 | 89 | 4 |
| 31 | 38 | Toyota Tercel | M5 | 89 | 4 |
| 23 | 25 | Volkswagen Scirocco | A3 | 109 | 4 |
| 24 | 29 | Volkswagen Scirocco | M5 | 109 | 4 |

*Available in Puerto Rico only.

**Compact Cars**

| MPG Cty | MPG Hwy | Make | Trans-mission | CID | Cyl. |
|---|---|---|---|---|---|
| 20 | 26 | BMW 5-Series | L4 | 164 | 6 |
| 20 | 25 | BMW 5-Series | M5 | 164 | 6 |
| 16 | 24 | Buick Riviera Cnv | L4 | 231 | 6 |
| 17 | 22 | Buick Riviera Cnv | L4 | 307 | 8 |
| 24 | 31 | Buick Skyhawk | L3 | 110 | 4 |
| 26 | 35 | Buick Skyhawk | M5 | 110 | 4 |
| 23 | 32 | Buick Skylark | L3 | 151 | 4 |
| 24 | 34 | Buick Skylark | M4 | 151 | 4 |
| 20 | 27 | Buick Skylark | L3 | 173 | 6 |
| 19 | 26 | Buick Skylark | M4 | 173 | 6 |
| 20 | 26 | Buick Skylark | L3 | 173 | 6 |
| 18 | 23 | Buick Skylark | M4 | 173 | 6 |
| 24 | 32 | Buick Somerset Regal | L3 | 151 | 4 |
| 20 | 26 | Buick Somerset Regal | L3 | 181 | 6 |
| 20 | 26 | Cadillac Cimarron | L3 | 173 | 6 |
| 18 | 23 | Cadillac Cimarron | M4 | 173 | 6 |
| 16 | 22 | Cadillac Eldorado Cnv | L4 | 249 | 8 |
| 18 | 23 | Chevy Cavalier | M4 | 173 | 6 |
| 28 | 33 | Dodge Omni | M4 | 97 | 4 |
| 31 | 40 | Dodge Omni | M4 | 97 | 4 |
| 24 | 28 | Dodge Omni | A3 | 135 | 4 |
| 21 | 30 | Dodge Omni | M5 | 135 | 4 |
| 26 | 37 | Dodge Omni | M5 | 135 | 4 |
| 19 | 29 | Dodge Omni | M5 | 135 | 4 |
| 25 | 30 | Ford Escort | A3 | 98 | 4 |
| 34 | 44 | Ford Escort | M4 | 98 | 4 |
| 25 | 35 | Ford Escort | M5 | 98 | 4 |
| 24 | 29 | Ford Escort | A3 | 98 | 4 |
| 23 | 34 | Ford Escort | M5 | 98 | 4 |
| 25 | 33 | Ford Escort | M5 | 98 | 4 |
| 43 | 52 | Ford Escort | D-M5 | 122 | 4 |
| 25 | 29 | Ford Tempo | A3 | 140 | 4 |
| 25 | 34 | Ford Tempo | M5 | 140 | 4 |
| 18 | 21 | Thunderbird | A3 | 140 | 4 |
| 19 | 22 | Thunderbird | L3 | 231 | 6 |
| 16 | 24 | Thunderbird | L4 | 302 | 8 |
| 18 | 21 | Merc Cougar | A3 | 140 | 4 |
| 19 | 22 | Merc Cougar | L3 | 231 | 6 |
| 16 | 24 | Merc Cougar | L4 | 302 | 8 |
| 25 | 30 | Linc-Merc Lynx | A3 | 98 | 4 |
| 34 | 44 | Linc-Merc Lynx | M4 | 98 | 4 |
| 25 | 35 | Linc-Merc Lynx | M5 | 98 | 4 |
| 43 | 52 | Linc-Merc Lynx | D-M5 | 122 | 4 |
| 24 | 28 | Linc-Merc Topaz | A3 | 140 | 4 |
| 25 | 34 | Linc-Merc Topaz | M5 | 140 | 4 |
| 24 | 28 | Mazda 626 | A3 | 122 | 4 |
| 26 | 32 | Mazda 626 | M5 | 122 | 4 |
| 36 | 42 | Mazda 626 | D-M5 | 122 | 4 |
| 22 | 25 | Mer Benz 300D/300CD | A4 | 183 | 5 |
| 22 | 25 | Mer Benz 300SD | A4 | 183 | 5 |
| 21 | 22 | Mer Benz 300SD | A4 | 183 | 5 |
| 16 | 18 | Mer Benz 380SE | A4 | 234 | 8 |
| 14 | 16 | Mer Benz 500SEC | A4 | 303 | 8 |
| 19 | 24 | Merkur XR4Ti | M5 | 140 | 4 |

*(Continued on page 10)*

# EPA Gas Mileage Figures

*(Continued from page 8)*

| MPG Cty | MPG Hwy | Make | Trans-mission | CID | Cyl. |
|---|---|---|---|---|---|
| 21 | 26 | Mitsubishi Galant | L4 | 143 | 4 |
| 17 | 22 | Nissan Maxima | L4 | 181 | 6 |
| 19 | 25 | Nissan Maxima | M5 | 181 | 6 |
| 23 | 26 | Nissan Stanza | L3 | 120 | 4 |
| 27 | 34 | Nissan Stanza | M5 | 120 | 4 |
| 24 | 32 | Olds Calais | L3 | 151 | 4 |
| 20 | 26 | Olds Calais | L3 | 181 | 6 |
| 18 | 23 | Olds Firenza | M4 | 173 | 6 |
| 20 | 20 | Peugeot 505 | A3 | 120 | 4 |
| 19 | 24 | Peugeot 505 | M5 | 120 | 4 |
| 18 | 24 | Peugeot 505 | M5 | 131 | 4 |
| 25 | 25 | Peugeot 505 | D-A3 | 152 | 4 |
| 28 | 33 | Peugeot 505 | D-M5 | 152 | 4 |
| 28 | 33 | Plymouth Horizon | M4 | 97 | 4 |
| 31 | 40 | Plymouth Horizon | M4 | 97 | 4 |
| 24 | 28 | Plymouth Horizon | A3 | 135 | 4 |
| 26 | 37 | Plymouth Horizon | M5 | 135 | 4 |
| 24 | 32 | Pontiac Grand AM | L3 | 151 | 4 |
| 20 | 26 | Pontiac Grand AM | L3 | 181 | 6 |
| 28 | 40 | Pontiac Sunbird | M5 | 110 | 4 |
| 25 | 28 | Renault Alliance/Encore | A3 | 85 | 4 |
| 31 | 35 | Renault Alliance/Encore | M4 | 85 | 4 |
| 34 | 40 | Renault Alliance/Encore | M4 | 85 | 4 |
| 31 | 38 | Renault Alliance/Encore | M5 | 85 | 4 |
| 22 | 26 | Renault Alliance/Encore | A3 | 105 | 4 |
| 29 | 36 | Renault Alliance/Encore | M5 | 105 | 4 |
| 8 | 11 | Rolls Royce Camargue | A3 | 412 | 8 |
| 18 | 21 | Saab 900 Turbo | A3 | 121 | 4 |
| 18 | 23 | Saab 900 | A3 | 121 | 4 |
| 19 | 25 | Saab 900 | M5 | 121 | 4 |
| 21 | 28 | Saab 900 | M5 | 121 | 4 |
| 25 | 28 | Subaru Sedan | L3 | 109 | 4 |
| 32 | 37 | Subaru Sedan | M4 | 109 | 4 |
| 28 | 33 | Subaru Sedan | M5 | 109 | 4 |
| 23 | 26 | Subaru Sedan | L3 | 109 | 4 |
| 26 | 32 | Subaru Sedan | M5 | 109 | 4 |
| 30 | 33 | Toyota Camry | D-L4 | 112 | 4 |
| 27 | 32 | Toyota Camry | L4 | 122 | 4 |
| 29 | 34 | Toyota Camry | M5 | 122 | 4 |
| 28 | 32 | Toyota Corolla | L3 | 97 | 4 |
| 28 | 34 | Toyota Corolla | L4 | 97 | 4 |
| 30 | 37 | Toyota Corolla | M5 | 97 | 4 |
| 34 | 36 | Toyota Corolla | D-L3 | 112 | 4 |
| 38 | 47 | Toyota Corolla | D-M5 | 112 | 4 |
| 19 | 24 | Toyota Cressida | L4 | 168 | 6 |
| 20 | 24 | Toyota Cressida | M5 | 168 | 6 |
| 37 | 46 | VW GOLF/GTI | D-M5 | 97 | 4 |
| 24 | 27 | VW GOLF/GTI | A3 | 109 | 4 |
| 27 | 34 | VW GOLF/GTI | M5 | 109 | 4 |
| 26 | 32 | VW GOLF/GTI | M5 | 109 | 4 |
| 37 | 46 | VW Jetta | D-M5 | 97 | 4 |
| 37 | 42 | VW Jetta | M5 | 97 | 4 |
| 23 | 27 | VW Jetta | A3 | 109 | 4 |
| 24 | 27 | VW Jetta | A3 | 109 | 4 |
| 26 | 32 | VW Jetta | M5 | 109 | 4 |
| 27 | 34 | VW Jetta | M5 | 109 | 4 |
| 33 | 38 | VW Quantum (Turbo) | D-M5 | 97 | 4 |
| 18 | 22 | VW Quantum | A3 | 136 | 5 |
| 19 | 24 | VW Quantum | M5 | 136 | 5 |
| 17 | 21 | Volvo DL/GL/Turbo | A4 | 130 | 4 |
| 17 | 22 | Volvo DL/GL/Turbo | M4 | 130 | 4 |
| 23 | 28 | Volvo DL/GL/Turbo | M4 | 141 | 4 |
| | | **Mid-Size Cars** | | | |
| 17 | 22 | Audi 5000S | A3 | 131 | 5 |
| 17 | 22 | Audi 5000S | A3 | 136 | 5 |
| 19 | 25 | Audi 5000S | M5 | 136 | 5 |
| 23 | 32 | Buick Century | L3 | 151 | 4 |
| 18 | 25 | Buick Century | L3 | 181 | 6 |
| 18 | 25 | Buick Century | L4 | 181 | 6 |
| 18 | 25 | Buick Century | L4 | 231 | 6 |
| 26 | 35 | Buick Century | D-L3 | 263 | 6 |
| 19 | 24 | Buick Regal | L3 | 231 | 6 |
| 17 | 24 | Buick Regal | L4 | 231 | 6 |
| 18 | 23 | Buick Regal | L3 | 262 | 6 |
| 18 | 27 | Buick Regal | L4 | 262 | 6 |
| 23 | 31 | Buick Regal | D-L3 | 263 | 6 |
| 16 | 24 | Buick Riviera | L4 | 231 | 6 |
| 17 | 22 | Buick Riviera | L4 | 307 | 8 |
| 20 | 28 | Buick Riviera | D-L4 | 350 | 8 |
| 16 | 22 | Cadillac Eldorado | L4 | 249 | 8 |
| 19 | 28 | Cadillac Eldorado | D-L4 | 350 | 8 |
| 16 | 22 | Cadillac Seville | L4 | 249 | 8 |
| 19 | 28 | Cadillac Seville | D-L4 | 350 | 8 |
| 23 | 32 | Chevy Celebrity | L3 | 151 | 4 |
| 24 | 31 | Chevy Celebrity | M4 | 151 | 4 |
| 20 | 27 | Chevy Celebrity | L3 | 173 | 6 |
| 19 | 27 | Chevy Celebrity | L4 | 173 | 6 |
| 20 | 26 | Chevy Celebrity | L3 | 173 | 6 |
| 19 | 28 | Chevy Celebrity | L4 | 173 | 6 |
| 26 | 35 | Chevy Celebrity | D-L3 | 263 | 6 |
| 23 | 32 | Chevy Citation II | L3 | 151 | 4 |
| 24 | 34 | Chevy Citation II | M4 | 151 | 4 |
| 20 | 27 | Chevy Citation II | L3 | 173 | 6 |
| 19 | 26 | Chevy Citation II | M4 | 173 | 6 |
| 20 | 26 | Chevy Citation II | L3 | 173 | 6 |
| 18 | 23 | Chevy Citation II | M4 | 173 | 6 |
| 18 | 23 | Chevy Monte Carlo | L3 | 262 | 6 |
| 18 | 27 | Chevy Monte Carlo | L4 | 262 | 6 |
| 16 | 22 | Chevy Monte Carlo | L3 | 305 | 8 |
| 20 | 23 | Chry Exec Sedan/Limo | A3 | 156 | 4 |
| 20 | 23 | Chry Lebaron | A3 | 135 | 4 |
| 23 | 26 | Chry Lebaron | A3 | 135 | 4 |
| 20 | 23 | Chry Lebaron | A3 | 156 | 4 |
| 23 | 26 | Chry Lebaron GTS | A3 | 135 | 4 |
| 20 | 23 | Chry Lebaron GTS | A3 | 135 | 4 |
| 19 | 29 | Chry Lebaron GTS | M5 | 135 | 4 |
| 23 | 33 | Chry Lebaron GTS | M5 | 135 | 4 |
| 20 | 23 | Chry New Yorker | A3 | 135 | 4 |
| 20 | 23 | Chry New Yorker | A3 | 156 | 4 |
| 16 | 22 | Chry Newport 5th Ave. | L3 | 318 | 8 |
| 24 | 29 | Dodge Aries | A3 | 135 | 4 |
| 26 | 33 | Dodge Aries | M4 | 135 | 4 |
| 25 | 33 | Dodge Aries | M5 | 135 | 4 |
| 23 | 26 | Dodge Aries | A3 | 135 | 4 |
| 20 | 24 | Dodge Aries | A3 | 156 | 4 |
| 16 | 22 | Dodge Diplomat | L3 | 318 | 8 |
| 23 | 26 | Dodge Lancer | A3 | 135 | 4 |
| 20 | 23 | Dodge Lancer | A3 | 135 | 4 |
| 19 | 29 | Dodge Lancer | M5 | 135 | 4 |
| 23 | 34 | Dodge Lancer | M5 | 135 | 4 |
| 23 | 26 | Dodge 600 | A3 | 135 | 4 |
| 20 | 23 | Dodge 600 | A3 | 135 | 4 |
| 20 | 23 | Dodge 600 | A3 | 156 | 4 |
| 21 | 25 | Ford LTD | A3 | 140 | 4 |
| 19 | 22 | Ford LTD | L3 | 231 | 6 |
| 16 | 24 | Ford LTD | L4 | 302 | 8 |
| 23 | 29 | Linc-Merc Continental | L4 | 149 | 6 |
| 16 | 23 | Linc-Merc Continental | L4 | 302 | 8 |
| 23 | 29 | Linc-Merc Mark VII | L4 | 149 | 6 |
| 16 | 23 | Linc-Merc Mark VII | L4 | 302 | 8 |
| 21 | 25 | Linc-Merc Marquis | A3 | 140 | 4 |
| 19 | 22 | Linc-Merc Marquis | L3 | 231 | 6 |
| 16 | 24 | Linc-Merc Marquis | L4 | 302 | 8 |
| 14 | 16 | Mer Benz 500SEL | A4 | 303 | 8 |
| 23 | 32 | Olds Cutlass Ciera | L3 | 151 | 4 |
| 18 | 25 | Olds Cutlass Ciera | L3 | 181 | 6 |
| 18 | 25 | Olds Cutlass Ciera | L4 | 231 | 6 |
| 26 | 35 | Olds Cutlass Ciera | D-L3 | 263 | 6 |
| 19 | 24 | Olds Cutlass Supreme | L3 | 231 | 6 |
| 23 | 31 | Olds Cutlass Supreme | D-L3 | 263 | 6 |
| 17 | 22 | Olds Cutlass Supreme | L3 | 307 | 8 |
| 17 | 24 | Olds Cutlass Supreme | L4 | 307 | 8 |

*(Continued on page 12)*

# EPA Gas Mileage Figures

*(Continued from page 10)*

| MPG Cty | MPG Hwy | Make | Trans-mission | CID | Cyl. |
|---|---|---|---|---|---|
| 21 | 29 | Olds Cutlass Supreme | D-L3 | 350 | 8 |
| 17 | 22 | Olds Toronado | L4 | 307 | 8 |
| 20 | 28 | Olds Toronado | D-L4 | 350 | 8 |
| 20 | 23 | Plymouth Caravelle | A3 | 135 | 4 |
| 23 | 26 | Plymouth Caravelle | A3 | 135 | 4 |
| 20 | 23 | Plymouth Caravelle | A3 | 156 | 4 |
| 16 | 22 | Plymouth Gran Fury | L3 | 318 | 8 |
| 24 | 29 | Plymouth Reliant | A3 | 135 | 4 |
| 26 | 33 | Plymouth Reliant | M4 | 135 | 4 |
| 25 | 33 | Plymouth Reliant | M5 | 135 | 4 |
| 23 | 26 | Plymouth Reliant | A3 | 135 | 4 |
| 20 | 24 | Plymouth Reliant | A3 | 156 | 4 |
| 19 | 24 | Pontiac Bonneville | L3 | 231 | 6 |
| 16 | 22 | Pontiac Bonneville | L3 | 305 | 8 |
| 16 | 22 | Pontiac Bonneville | L4 | 305 | 8 |
| 19 | 24 | Pontiac Grand Prix | L3 | 231 | 6 |
| 16 | 22 | Pontiac Grand Prix | L3 | 305 | 8 |
| 17 | 24 | Pontiac Grand Prix | L4 | 305 | 8 |
| 23 | 32 | Pontiac 6000 | L3 | 151 | 4 |
| 20 | 27 | Pontiac 6000 | L3 | 173 | 6 |
| 19 | 27 | Pontiac 6000 | L4 | 173 | 6 |
| 19 | 26 | Pontiac 6000 | L3 | 173 | 6 |
| 19 | 28 | Pontiac 6000 | L4 | 173 | 6 |
| 26 | 35 | Pontiac 6000 | D-L3 | 263 | 6 |
| 9 | 10 | Rolls Sil Spirit | A3 | 412 | 8 |
| 19 | 22 | Volvo 740/760 | A4 | 141 | 4 |
| 22 | 25 | Volvo 740/760 | L4 | 141 | 4 |
| 23 | 28 | Volvo 740/760 | M4 | 141 | 4 |
| 19 | 25 | Volvo 740/760 | M4 | 141 | 4 |
| 18 | 23 | Volvo 740/760 | A4 | 174 | 6 |
| | | **Large Cars** | | | |
| 18 | 25 | Buick Electra | L4 | 181 | 6 |
| 19 | 26 | Buick Electra | L4 | 231 | 6 |
| 22 | 32 | Buick Electra | D-L4 | 263 | 6 |
| 17 | 21 | Buick LeSabre | L3 | 231 | 6 |
| 17 | 24 | Buick LeSabre | L4 | 307 | 8 |
| 20 | 28 | Buick LeSabre | D-L4 | 350 | 8 |
| 16 | 22 | Cad. Fltwd Brougham | L4 | 249 | 8 |
| 20 | 28 | Cad. Fltwd Brougham | D-L4 | 350 | 8 |
| 17 | 24 | Cad. DeVille-Fltwd | L4 | 249 | 8 |
| 22 | 32 | Cad. De Ville-Fltwd | D-L4 | 263 | 6 |
| 16 | 22 | Cad. Limousine | L4 | 249 | 8 |
| 18 | 24 | Chevy Impala/Caprice | L3 | 262 | 6 |
| 18 | 24 | Chevy Impala/Caprice | L4 | 262 | 6 |
| 17 | 24 | Chevy Impala/Caprice | L4 | 305 | 8 |
| 21 | 29 | Chevy Impala/Caprice | D-L3 | 350 | 8 |
| 21 | 30 | Chevy Impala/Caprice | D-L4 | 350 | 8 |
| 16 | 23 | Ford LTD Cr. Vic. | L4 | 302 | 8 |
| 16 | 23 | Linc-Merc Gr Marquis | L4 | 302 | 8 |
| 16 | 23 | Linc-Mercury Town Car | L4 | 302 | 8 |
| 17 | 21 | Olds Delta 88 | L3 | 231 | 6 |
| 17 | 24 | Olds Delta 88 | L4 | 307 | 8 |
| 21 | 29 | Olds Delta 88 | D-L3 | 350 | 8 |
| 21 | 30 | Olds Delta 88 | D-L4 | 350 | 8 |
| 18 | 25 | Olds Ninety-Eight | L4 | 181 | 6 |
| 19 | 26 | Olds Ninety-Eight | L4 | 231 | 6 |
| 22 | 32 | Olds Ninety-Eight | D-L4 | 263 | 6 |
| 18 | 24 | Pontiac Parisienne | L3 | 262 | 6 |
| 18 | 27 | Pontiac Parisienne | L4 | 262 | 6 |
| 17 | 24 | Pontiac Parisienne | L4 | 305 | 8 |
| 21 | 29 | Pontiac Parisienne | D-L3 | 350 | 8 |
| 21 | 30 | Pontiac Parisienne | D-L4 | 350 | 8 |
| | | **Small Station Wagons** | | | |
| 24 | 31 | Buick Skyhawk Wagon | L3 | 110 | 4 |
| 26 | 35 | Buick Skyhawk Wagon | M5 | 110 | 4 |
| 18 | 23 | Chevy Cavalier Wagon | M4 | 173 | 6 |
| 23 | 25 | Dodge Colt Vista | L3 | 122 | 4 |
| 24 | 30 | Dodge Colt Vista | M5 | 122 | 4 |
| 25 | 30 | Ford Escort Wagon | A3 | 98 | 4 |
| 25 | 35 | Ford Escort Wagon | M5 | 98 | 4 |
| 24 | 29 | Ford Escort Wagon | A3 | 98 | 4 |
| 25 | 33 | Ford Escort Wagon | M5 | 98 | 4 |
| 26 | 28 | Honda Civic Wagon | L3 | 91 | 4 |
| 30 | 34 | Honda Civic Wagon | M5 | 91 | 4 |
| 25 | 30 | Linc-Merc Lynx Wagon | A3 | 98 | 4 |
| 25 | 35 | Linc-Merc Lynx Wagon | M5 | 98 | 4 |
| 22 | 23 | Mazda GLC Wagon | A3 | 91 | 4 |
| 25 | 29 | Mazda GLC Wagon | M4 | 91 | 4 |
| 25 | 30 | Mazda GLC Wagon | M5 | 91 | 4 |
| 23 | 25 | Mitsubishi Space Wagon* | L3 | 122 | 4 |
| 17 | 22 | Nissan Maxima Wagon | L4 | 181 | 6 |
| 26 | 30 | Nissan Sentra Wagon | L3 | 98 | 4 |
| 31 | 37 | Nissan Sentra Wagon | M5 | 98 | 4 |
| 18 | 23 | Olds Firenza Cruiser | M4 | 173 | 6 |
| 23 | 25 | Plymouth Colt Vista | L3 | 122 | 4 |
| 24 | 30 | Plymouth Colt Vista | M5 | 122 | 4 |
| 24 | 31 | Pontiac Sunbird Wagon | L3 | 110 | 4 |
| 26 | 35 | Pontiac Sunbird Wagon | M5 | 110 | 4 |
| 20 | 24 | Renault 181 Wagon 2.2 | A3 | 132 | 4 |
| 23 | 31 | Renault 181 Wagon 2.2 | M5 | 132 | 4 |
| 24 | 28 | Subaru Wagon | L3 | 109 | 4 |
| 28 | 32 | Subaru Wagon | M5 | 109 | 4 |
| 23 | 26 | Subaru Wagon | L3 | 109 | 4 |
| 25 | 31 | Subaru Wagon | M5 | 109 | 4 |
| 29 | 31 | Toyota Tercel Wgn 2WD | A3 | 89 | 4 |
| 31 | 37 | Toyota Tercel Wgn 2WD | M5 | 89 | 4 |
| 24 | 25 | Toyota Tercel Wgn 4WD | A3 | 89 | 4 |
| 27 | 32 | Toyota Tercel Wgn 4WD | M5 | 89 | 4 |
| 33 | 38 | VW Quantum Wagon | M5 | 97 | 4 |
| 22 | 25 | VW Quantum Wagon | A3 | 109 | 4 |
| 25 | 31 | VW Quantum Wagon | M5 | 109 | 4 |

*Available in Puerto Rico only.

| | | | | | |
|---|---|---|---|---|---|
| | | **Mid-Size Station Wagons** | | | |
| 17 | 22 | Audi 5000S Wagon | A3 | 136 | 5 |
| 19 | 25 | Audi 5000S Wagon | M5 | 136 | 5 |
| 17 | 23 | Buick Century Wgn. | L3 | 181 | 6 |
| 18 | 25 | Buick Century Wgn. | L4 | 181 | 6 |
| 18 | 26 | Buick Century Wgn. | L4 | 231 | 6 |
| 26 | 35 | Buick Century Wgn. | D-L3 | 263 | 6 |
| 23 | 32 | Chevy Celebrity Wgn. | L3 | 151 | 4 |
| 24 | 31 | Chevy Celebrity Wgn. | M4 | 151 | 4 |
| 18 | 24 | Chevy Celebrity Wgn. | L3 | 173 | 6 |
| 18 | 25 | Chevy Celebrity Wgn. | L4 | 173 | 6 |
| 19 | 25 | Chevy Celebrity Wgn. | L3 | 173 | 6 |
| 19 | 27 | Chevy Celebrity Wgn. | L4 | 173 | 6 |
| 26 | 35 | Chevy Celebrity Wgn. | D-L3 | 263 | 6 |
| 20 | 23 | Chry Town & Country Wgn. | A3 | 135 | 4 |
| 20 | 23 | Chry Town & Country Wgn. | A3 | 156 | 4 |
| 21 | 26 | Dodge Aries Wgn. | A3 | 135 | 4 |
| 26 | 33 | Dodge Aries Wgn. | M4 | 135 | 4 |
| 25 | 33 | Dodge Aries Wgn. | M5 | 135 | 4 |
| 23 | 26 | Dodge Aries Wgn. | A3 | 135 | 4 |
| 20 | 23 | Dodge Aries Wgn. | A3 | 156 | 4 |
| 19 | 22 | Ford LTD Wgn. | L3 | 231 | 6 |
| 19 | 22 | Linc Merc Marq. Wgn. | L3 | 231 | 6 |
| 22 | 25 | Mer-Benz 300TD | A4 | 183 | 5 |
| 21 | 22 | Mer-Benz 300TD | A4 | 183 | 5 |
| 17 | 23 | Olds Cutl Cruis Wgn. | L3 | 181 | 6 |
| 18 | 26 | Olds Cutl Cruis Wgn. | L4 | 231 | 6 |
| 26 | 35 | Olds Cutl Cruis Wgn. | D-L3 | 263 | 6 |
| 20 | 20 | Peugeot 505 Wgn. | A3 | 120 | 4 |
| 19 | 24 | Peugeot 505 Wgn. | M5 | 120 | 4 |
| 25 | 25 | Peugeot 505 Wgn. | D-A3 | 141 | 4 |
| 21 | 26 | Plymouth Reliant Wgn. | A3 | 135 | 4 |
| 26 | 33 | Plymouth Reliant Wgn. | M4 | 135 | 4 |
| 25 | 33 | Plymouth Reliant Wgn. | M5 | 135 | 4 |
| 23 | 26 | Plymouth Reliant Wgn. | A3 | 135 | 4 |
| 20 | 23 | Plymouth Reliant Wgn. | A3 | 156 | 4 |
| 18 | 24 | Pontiac 6000 Wgn. | L3 | 173 | 6 |
| 18 | 25 | Pontiac 6000 Wgn. | L4 | 173 | 6 |
| 19 | 25 | Pontiac 6000 Wgn. | L3 | 173 | 6 |
| 19 | 27 | Pontiac 6000 Wgn. | L4 | 173 | 6 |
| 26 | 35 | Pontiac 6000 Wgn. | D-L3 | 263 | 6 |
| 19 | 24 | Toyota Cressida Wgn. | L4 | 168 | 6 |
| 17 | 21 | Volvo DL/GL Turbo Wgn. | A4 | 130 | 4 |
| 17 | 22 | Volvo DL/GL Turbo Wgn. | M4 | 130 | 4 |
| 23 | 28 | Volvo DL/GL Turbo Wgn. | M4 | 141 | 4 |

## Canadian Issues: Update

*(Continued from page 22)*

Revenue Canada also commented on — if a November year end could be used for calculating operating costs, would the corporation have more time to meet the February 28 T4 deadline? Revenue Canada came back and said "no." It must be calculated on a calendar year basis.

Often fleets do not keep track of the operating costs specific to a driver. They do, however, keep track of total fleet operating costs. So a natural assumption would be that you could take all of these costs and divide them evenly amongst your drivers, with each driver being assessed an equal amount for operating costs. This averaging is not acceptable by Revenue Canada. Revenue Canada says that the actual operating costs must be applied to the individual drivers.

The last question that was addressed by Revenue Canada also related to operating costs. One of the items that is included in operating costs is insurance. Many large corporations actually self-insure. How do we include the cost of insurance on a driver's T4 when the company is self-insured? When self-insuring, the corporation basically takes the risk for the dollar amount of the repairs. Revenue Canada has said that if a company chooses to self-insure, the total dollar amount of all of the repairs that they are self-insured for would be totalled and they would be split evenly among the drivers as an insurance charge.

### License and Registration

Alberta has undertaken major changes in their license and registration requirements in the past year —

new plate colour — white, orange and blue — with an expected life of 8 years before the Province plans to change colors again, ownership of the plate cannot be transferred; a refund can be applied for on the unused portion of any plate no longer required, annual renewal fee due dates are staggered, with fleets of over 50 vehicles having the option of quarterly, semi-annual or annual renewal periods, and for vehicles that are leased, the lessor's name will appear on the Registration (effective September 1, 1984).

Quebec is the only other Province announcing a major change in the past year. The Province no longer allows the transfer of a plate to another vehicle. Previously, if you took delivery of a new vehicle and traded your used vehicle to the same dealer, you could transfer your plate from the used to the new vehicle. Now, you must apply for a refund on the used plate and arrange for a new plate for the new vehicles. ■

## *Canadian Operating Costs in ¢/Mile*

| | 1979 | 1980 | 1981 | 1982 | 1983 | First 6 mos. 1984 |
|---|---|---|---|---|---|---|
| Mileage Factor — Business | 1485 | 1478 | 1511 | 1524 | 1625 | 1546 |
| Personal | 488 | 488 | 482 | 530 | 462 | 422 |
| Total | 1973 | 1966 | 1993 | 2054 | 2088 | 1968 |
| Running Expense | 8.64 | 8.93 | 10.48 | 11.82 | 11.91 | 12.64 |
| Standing Expense (Including Interest & Service Fees) | 11.15 | 12.47 | 15.04 | 15.52 | 15.00 | 16.06 |
| Incidental Expense | .98 | 1.08 | 1.02 | 1.16 | 1.26 | 1.33 |
| Total Expenses ..... | 20.77 | 22.44 | 26.54 | 28.50 | 28.17 | 30.03 |
| Year-to-Year Increase/Decrease | | 8% | 18.3% | 7.4% | 19% | 6.6% |
| Gas Cost/Gallon | 1.03 | 1.20 | 1.65 | 2.02 | 2.14 | 2.21 |
| Year-to-Year Increase | | 16.5% | 37.5% | 22.4% | 6% | 3.3% |

**These costs are based on a typical Canadian fleet operating all across Canada. Your fleet may have different costs due to your particular make up, but the year-to-year increases in costs should be similar over the same time frame.**

## Driving Records

*(Continued from page 37)*

any document in driver's file obtainable at cost of $2.00 per page or portion thereof. Make checks payable to Department of Public Safety.

Note: Show Oklahoma driver's license number, full name of individual and birth date.

### OREGON

Contact: Motor Vehicles Division, 1905 Lana Avenue, Salem, Oregon 97314

Information Supplied: Accident involvement (in-state-only); Traffic convictions (past 3 years); Current suspension and revocation, traffic; Current suspension and revocation, other than traffic.

Fee: Employment Record — $3.00; Non Employment Record — $3.00; Consolidation of both Records — $6.00. Make checks payable to Oregon Motor Vehicles Division.

Note: When requesting a person's driving record, please provide his Oregon driver's license number and complete name and birthdate. Request supply of Form 48 for volume use. Employment record does not include convictions for major offenses under 482.430, nor convictions of the energy conservation speed limit. Non-employment driver record also does not include convictions of the energy conservation speed limit. Employment driving record must be specifically requested or only non-employment record will be provided. Current suspensions will show only on non-employment record.

### PENNSYLVANIA

Contact: Pennsylvania Department of Transportation, Bureau of Motor Vehicles & Licensing, Information Sales Section, Transportation & Safety Bldg., Harrisburg, Pennsylvania 17122.

Information Supplied: Accident involvement (in-state only); Traffic convictions; Suspension and revocation, traffic.

Fee: $5.00 per name (Certified, $5.00 additional per name). Payable to Pennsylvania Department of Transportation.

Note: Use of Form AA502A required. Obtainable from Department. Each request must be accompanied by signed release to comply with privacy laws. Furnish name, date of birth, driver's license number, name of requester, reason for request (E = Employment).

### RHODE ISLAND

Contact: Registry of Motor Vehicles, 345 Harris Ave., Room 212, Providence, Rhode Island 02909.

Information Supplied: Certificate I — all information pertaining to operator's license data. Certificate II — any and all of the operator's violations, convictions, revocations and suspensions. Certificate III provides a list of the operator's accident involvement.

Fee: $3.00 for complete record. Make checks payable to Registry of Motor Vehicles.

Note: Furnish name, address, date of birth, license number.

### SOUTH CAROLINA

Contact: South Carolina Department of Highways and Public Transportation, Driver Record Check Section, Room 201, Columbia, South Carolina 29216

Information Supplied: Accident involvement (in-state only); Traffic convictions; Suspension and revocation, traffic; Suspension and revocation, other than traffic.

Fee: $3.00 per person. Make checks payable to South Carolina Department of Highways and Public Transportation.

Note: Use Form DL-15, available from above. Furnish name, date of birth, driver's license number.

### SOUTH DAKOTA

Contact: Department of Public Safety, Driver Improvement Program, 118 West Capitol, Pierre, South Dakota 57501

Information Supplied: Accident involvement (in-state only); Traffic convictions; Suspension and revocation, traffic; Suspension and revocation, other than traffic for 3 year period.

Fee: $3.00 per record. Make checks payable to the Department of Public Safety. Prescribed form must be used. Sample forms available from Department of Public Safety.

Note: Furnish, full name, date of birth, driver's license number.

### TENNESSEE

Contact: Department of Safety, Andrew Jackson Building, Nashville, Tennessee 37219

Information Supplied: Accident involvement (in-state only); Traffic convictions, Suspension and revocation, traffic.

Fee: $4.00 per person. Make checks payable to Department of Safety.

Note: Request must show full name, date of birth and license number.

### TEXAS

Contact: Texas Department of Public Safety, License Issuance and Driver Records, P.O. Box 4087, Austin, Texas 78773

Information Supplied: Accident involvement (in-state only); Traffic convictions (DWI only out-of-state conviction reported); Suspension and revocation, traffic; Suspension and revocation, other than traffic.

Fee: $1.00 each; 100 or more at one time on data processing cards $.75 each; Certified, $3.00 each. Obtain sample copy of prescribed form and instructions for requesting records from address above. Make checks payable to Texas Department of Public Safety.

Note: Furnish name, date of birth, driver's license number.

### UTAH

Contact: Drivers License Services, 4501 South 2700 West, Salt Lake City, Utah 84119.

Information Supplied: Traffic accidents where a conviction has resulted. Traffic convictions; Suspension and revocation, traffic; Suspension and revocation, other than traffic. No records for any interstate speed violations under 71 mph will be provided unless accompanied by a written release from the person whose record is requested.

### U.S. Composite Survey Fleet

**1980-1984 Model Years**

**(Excluding Government & Public Utility Fleets)**

| | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|---|---|---|---|---|
| Number of Cars in Fleet | 794 | 750 | 762 | 632 | 758 |
| Current Composition of Fleet | | | | | |
| Sub-Compacts | 24 | 15 | 23 | 12 | 30 |
| Compacts | 234 | 348 | 404 | 323 | 311 |
| Mid-Size | 429 | 420 | 282 | 240 | 349 |
| Large | 103 | 67 | 53 | 57 | 68 |
| Actual Acquisitions in Previous Year | 303 | 284 | 274 | 211 | 266 |
| Planned New Car Acquisitions in Coming Model Year | 308 | 302 | 284 | 232 | 279 |
| Sub-Compacts | 31 | 21 | 19 | 2 | 11 |
| Compacts | 154 | 205 | 185 | 133 | 75 |
| Mid-Size | 108 | 67 | 74 | 81 | 151 |
| Large | 15 | 9 | 6 | 16 | 42 |

## NAFA Safety Survey Results:

# Highway Accident Statistics Summary for 1984

For the past three years, NAFA Newsletter has published a monthly report on accident frequency among its members, as reported to the Association.

The following statistics are a summary of the responses for the 12 month period from October 1983 through September 1984:

| | |
|---|---|
| Number of Fleets Responding | 332 |
| Total Number of Vehicles (average in fleet: 369) | 122,526 |
| Total Number of Miles Driven (average miles driven per month: 2,130) | 261,039,186 |
| Total Reportable Accidents* | 2,237 |
| Total Preventable Accidents* | 1,186 |
| Total Non-Preventable Accidents | 1,051 |
| Accident Rate | 8.57 |
| Preventable Accidents | 4.54 |
| Non-preventable Accidents | 4.03 |
| Personal Injuries | 191 |
| Fatalities | 4 |
| Damage to Vehicles | $1,460,744 |
| Vehicle Damage by accidents per penny per mile | .006 |

*** National Safety Council Definitions**

**Reportable Accident:** Any accident in which the vehicle is involved, unless properly parked, where such accident results in death, personal injury, or property damage. An accident is reportable regardless of who was hurt, what property was damaged, or who was responsible.

**Preventable Accident:** Any accident involving a company-provided car which results in property damage or personal injury, regardless of who was injured, what property was damaged, or when it occurred, in which the driver in question failed to exercise every reasonable precaution to prevent the accident.

**Accident Frequency Rate:** The accident frequency rate is determined by mutliplying the number of accidents by 1,000,000 and dividing by the total number of miles driven.

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## Safety Belt Pamphlets

*(Continued from page 42)*

deals with myths and facts.

**Cost:** Sample copy free.

**Sources:** 31, 52

**Title:** "SAFETY BELT MESSAGE"

**Subject:** Safety belt usage for driver educators.

**Cost:** Sample copy free to individual. 50 copies free to organization.

**Source:** 52

**Title:** "SAFETY BELTS PREVENT THE HUMAN COLLISION"

**Subject:** Describes the effectiveness of safety belts.

**Cost:** Sample copy free.

**Source:** 32

**Title:** "STAY ALIVE AND STAY WELL"

**Subject:** Promotes safety belt use as important component of overall wellness program for people of all ages.

**Cost:** Sample copy free. 38¢ per copy for purchase of 50 minimum order.

**Source:** 45

**Title:** "THE HUMAN COLLISION"

**Subject:** Safety belts.

**Cost:** Available upon request.

**Source:** 60

**Title:** "THERE'S NO MAGIC IN SAVING LIVES"

**Subject:** Safety belts.

**Cost:** Sample copy free.

**Source:** 50

**Title:** "THE AUTOMOBILE SAFETY BELT FACT BOOK"

**Subject:** Discusses the protection the safety belt provides the occupant. Studies are shown on the effectiveness of fastening the safety belt.

**Cost:** Sample copy free.

**Sources:** 14, 46, 52

**Title:** "TO BELT OR NOT TO BELT?"

**Subject:** Facts and statistics about the importance of safety belts.

**Cost:** Sample copy free. Bulk distribution is available in Virginia only.

**Source:** 64

**Title:** "USE SAFETY BELTS ON SHORT EVERYDAY TRIPS, TOO"

**Subject:** Safety belts.

**Cost:** Sample copy free.

**Source:** 50

**Title:** "YOU AND YOURS DESERVE PROTECTION — SAFETY BELTS PROVIDE IT"

**Subject:** Dynamics of a crash. Features the importance of safety belts to prevent injuries to infant and child passengers.

**Cost:** Sample copy free.

**Source:** 12

### SAFETY PAMPHLET SOURCES

1. AAA Foundation for Traffic Safety
   8111 Gatehouse Road, Room 328
   Falls Church, VA 22047
   Contact: Sam Yaksich
   (703) 222-6891
   Robert Stratton
   (703) 222-6889
2. Action for Child Transportation Safety
   Seattle Chapter
   14348 Sunrise Drive, N.E.
   Bainbridge Island, WA 98110
   Contact: Deborah D. Richards
3. Alabama Dept. of Public Health
   Bureau of Primary Prevention

*(Continued on page 46)*

# NAFA's Operating Expense Reports 1981, 1982, 1983

| Composite fleet consists of those fleets that do not break out operating expenses by size of car, but only submit totals for the entire fleet. | 1981 Composite Fleet | 1982 Composite Fleet | 1983 Composite Fleet |
|---|---|---|---|
| **Average Miles per Month** | **1,822** | **1,880** | **1,821** |
| **OPERATING EXPENSES (Expressed in pennies per car per mile)** | | | |
| Fuel | .0745 | .0643 | .0579 |
| Oil | .0012 | .0011 | .0016 |
| Tires & Tire Repair | .0059 | .0057 | .0041 |
| Repair & Maintenance | .0142 | .0150 | .0157 |
| Total Operating Expenses | .0958 | .0861 | .0793 |
| **INCIDENTAL EXPENSES (Expressed in dollars per car per month)** | | | |
| License & Taxes | $ 6.23 | $ 8.63 | $ 9.95 |
| Accident Repairs — Less Recoveries | 8.65 | 7.39 | 8.85 |
| Washing | 5.04 | 6.14 | 4.12 |
| Parking & Tolls | 16.48 | 12.09 | 11.06 |
| Miscellaneous | 3.29 | 2.98 | 2.97 |
| Total Incidental Expenses | $ 39.69 | $ 37.23 | $ 35.95 |
| **STANDING EXPENSES (Expressed in dollars per car per month)** | | | |
| Interest or Service Charge | $ 74.86 | $ 76.38 | $ 72.05 |
| Depreciation Reserve | 154.89 | 161.37 | 153.65 |
| Depreciation Adjustment | -17.56 | -23.06 | -12.38 |
| Selling Expenses | 1.35 | 11.38 | 5.04 |
| Insurance | 21.27 | 23.94 | 20.96 |
| Total Standing Expenses | $234.81 | $250.01 | $239.32 |
| **CREDITS (Dollar return per car per month)** | | | |
| Total Credits | $ 43.63 | $ 42.28 | $ 47.70 |
| **NET EXPENSES (Incidental expenses plus standing expenses less personal use credit expressed in dollars per car per month)** | $230.87 | $244.96 | $228.77 |

# 20 Year History of Fleet Operating Expenses
## (in pennies per mile)

### 1964-1968

| | 1964 | 1965 | 1966 | 1967 | 1968 |
|---|---|---|---|---|---|
| Gasoline | .0223 | .0235 | .0247 | .0256 | .0263 |
| Oil | .0009 | .0009 | .0009 | .0008 | .0009 |
| Maintenance & Repairs | .0044 | .0046 | .0046 | .0049 | .0055 |
| Tires | .0027 | .0028 | .0034 | .0035 | .0042 |
| Total Expenses | .0303 | .0317 | .0336 | .0348 | .0369 |
| Price of Gasoline | 31.7¢ | 32.4¢ | 33.2¢ | 34.2¢ | 34.8¢ |
| Miles per gallon | 14.2 | 13.8 | 13.4 | 13.3 | 13.2 |

### 1969-1973

| | 1969 | 1970 | 1971 | 1972 | 1973 |
|---|---|---|---|---|---|
| Gasoline | .0278 | .0290 | .0295 | .0301 | .0334 |
| Oil | .0008 | .0008 | .0008 | .0008 | .0008 |
| Maintenance & Repairs | .0059 | .0066 | .0078 | .0087 | .0085 |
| Tires | .0047 | .0048 | .0057 | .0052 | .0043 |
| Total Expenses | .0392 | .0412 | .0438 | .0448 | .0470 |
| Price of Gasoline | 36¢ | 36.6¢ | 36.8¢ | 36.8¢ | 39.6¢ |
| Miles per gallon | 12.9 | 12.6 | 12.5 | 12.2 | 11.8 |

### 1974-1978

| | 1974 | 1975 | 1976 | 1977 | 1978 |
|---|---|---|---|---|---|
| Gasoline | .0440 | .0466 | .0467 | .0475 | .0474 |
| Oil | .0009 | .0010 | .0010 | .0010 | .0009 |
| Maintenance & Repairs | .0103 | .0104 | .0101 | .0106 | .0111 |
| Tires | .0057 | .0051 | .0052 | .0051 | .0054 |
| Total Expenses | .0609 | .0631 | .0630 | .0642 | .0648 |
| Price of Gasoline | 53.5¢ | 57.4¢ | 60.7¢ | 64.8¢ | 67.8¢ |
| Miles per gallon | 12.2 | 13.3 | 13.0 | 13.6 | 14.3 |

### 1979-1983

| | 1979 | 1980 | 1981 | 1982 | 1983 |
|---|---|---|---|---|---|
| Gasoline | .0589 | .0715 | .0745 | .0643 | .0579 |
| Oil | .0010 | .0012 | .0012 | .0011 | .0016 |
| Maintenance & Repairs | .0115 | .0132 | .0142 | .0150 | .0157 |
| Tires | .0057 | .0066 | .0059 | .0057 | .0041 |
| Total Expenses | .0771 | .0925 | .0958 | .0861 | .0793 |
| Price of Gasoline | 88.9¢ | $1.23 | $1.32 | $1.36 | $1.23 |
| Miles per gallon | 15.6 | 16.8 | 17.8 | 21.1 | 21.3 |


FORD

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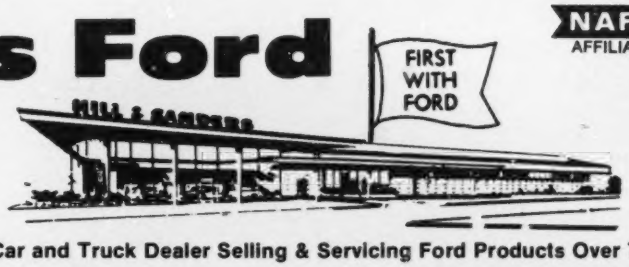



NAFA AFFILIATE

**Metropolitan Washington, D.C.'s Oldest Car and Truck Dealer Selling & Servicing Ford Products Over 70 Years**

# MAINTENANCE SECTION

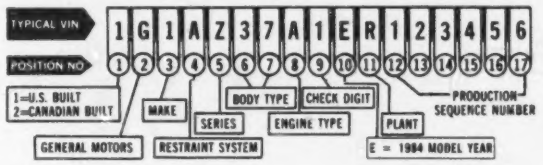
# Passenger Car VIN Systems

Universal Vehicle Identification Numbers (VINS) have 17 "positions." There is a number or a letter in each position. The VIN format and position for the major three manufacturers, General Motors, Chrysler and Ford, are as follows:

### General Motor Corporation

| | |
|---|---|
| 1st Character | Country car was built |
| 2nd Character | Corporate Make |
| 3rd Character | Vehicle Make |
| 4th Character | Restraint System |
| 5th Character | Carline/Series |
| 6-7th Character | Body Type |
| 8th Character | Engine Type |
| 9th Character | Check Digit |
| 10th Character | Model Year |
| 11th Character | Plant |
| 12-17th Character | Production Sequence Number |

Here is an example of a typical VIN for a General Motor's 1984 passenger car.




This particular vehicle was built in the United States; the corporate make is General Motors; the vehicle make is Chevrolet; it has non-passive/manual belts; the carline/series is Monte Carlo; the body type is Coupe — 2-door notchback, special; the engine type is 3.8 liters displacement, V-6 engine, and produced by Buick; check digit; 1984 model year; was built in Arlington, Texas; and codes 12-17 represent the production sequence number.

### Chrysler Vehicles

| | |
|---|---|
| 1st Character | Country |
| 2nd Character | Vehicle Make |
| 3rd Character | Vehicle Type |
| 4th Character | Other |
| 5th Character | Vehicle Line |
| 6th Character | Carline/Series |
| 7th Character | Body |
| 8th Character | Engine |
| 9th Character | Check Digit |
| 10th Character | Model Year |
| 11th Character | Assembly Plant |
| 12-17th Character | Vehicle Build Sequence |

### Ford Vehicles

| | |
|---|---|
| 1-3rd Character | World Manufacturer Identifier |
| 4th Character | Restraint System Type |
| 5-7th Character | Line, Series, Body Type |
| 8th Character | Engine Type |
| 9th Character | Check Digit |
| 10th Character | Model Year |
| 11th Character | Assembly Plant |
| 12-17th Character | Production Sequence Number |

### Operating Costs
### Well-Maintained vs Non-Maintained

| | Well-Maintained | Non-Maintained |
|---|---|---|
| **Acquisition Cost** | $10,000. | $10,000. |
| **Operating Costs** (60,000 miles) | $ 8,780. | $ 9,970. |
| Tax & Ins. Reg. | 1,600. | 1,600. |
| Fuel | 5,100. @ 8½¢/mi. | 5,500. @ .091¢/mi. |
| Oil | 300. | 160. |
| Tune-up | 400. | 100. |
| Brakes | 500. | 750. |
| Tires | 500. | 700. |
| Transmission (transmission overhaul) | 60. | 800. |
| Shocks (includes suspension work) | 120. | 240. |
| Alignment | 80. | 60. |
| Cleaning | 120. | 60. |
| **Total Cost** | $18,780 | $19,970.* |
| **Resale Value** | $ 7,000. | $ 5,000. |
| **Net Cost** | $11,780. | $14,970. |
| **Difference** | $ 3,190. | |

**Proper Maintenance Reduces Overall Cost of Vehicle By Over $3,000. Per Vehicle**

**Figures based on AAA, DOT, IRS studies and personal studies by Joe Alacchi, NAFA's Technical Service Consultant, over past three years. These figures are average and rounded off.**

**Figures do not include expenses of unusual nature such as accident or casualty loss.**

***Cost may be increased by repairs required to restore vehicle to marketable condition ± $1,000.**